



ATTORNEY'S DOCKET NO. CIS99-1268

Receipt
2
9/2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Qingming Ma, Saravanan Agasaveeran and Satish Gannu
Serial No.: 09/479,511
For: METHODS AND APPARATUS FOR MOVING DATA ELEMENTS
WITHIN A DATA COMMUNICATIONS DEVICE
Filing Date: January 7, 2000
Examiner: Unassigned
Art Unit: 2739

TC 2700 MAIL ROOM

MAY 30 2000

RECEIVED

Certificate of Mailing Under 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

Date: April 26, 2000

By: David E. Huang
(Typed or printed name of person mailing
Document, whose signature appears below)

Signature: 

Customer Correction Branch
Application Processing Division
Assistant Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

Sir:

Enclosed is/are:

- [x] Transmittal Letter (this form, 2 pages) (in duplicate), Total Pages: 4
- [x] Request for Corrected Filing Receipt, Total Pages: 2
- [x] Copy of Filing Receipt with requested changes indicated in red ink, Total Pages: 1
- [x] Copy of the Declaration submitted at the time of filing the application, Total Pages 6
- [x] Return Receipt Pre-paid Postcard (in duplicate), Total postcards: 2

U.S. Application No.: 09/479,511



Group Art Unit: 2739

- 2 -

There is no fee required. If the U.S. Patent and Trademark Office deems a fee necessary, this fee may be charged to the account of the undersigned, Deposit Account No. 50-0901.

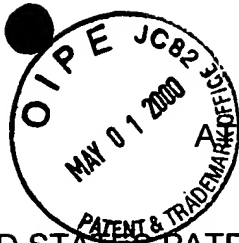
If the enclosed papers or fees are considered incomplete, the Mail Room and the Application Branch is respectfully requested to contact the undersigned collector at (508) 366-9600, Westborough, Massachusetts.

RECEIVED
MAY 29 2000
MAIL ROOM

Respectfully submitted,

David E. Huang, Esq.
Attorney for Applicants
Registration No.: 39,229
CHAPIN & HUANG, L.L.C.
Westborough Office Park
1700 West Park Drive
Westborough, Massachusetts 01581
Telephone: (508) 366-9600
Facsimile: (508) 616-9805

Attorney's Docket No.: CIS99-1268
Dated: April 26, 2000



ATTORNEY'S DOCKET NO. CIS99-1268

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Qingming Ma, Saravanan Agasaveeran and Satish Gannu
Serial No.: 09/479,511
For: METHODS AND APPARATUS FOR MOVING DATA ELEMENTS
WITHIN A DATA COMMUNICATIONS DEVICE
Filing Date: January 7, 2000
Examiner: Unassigned
Art Unit: 2739

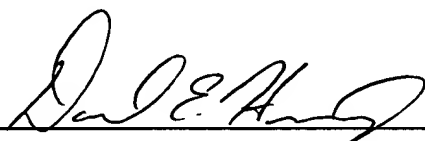
RECEIVED
MAY 30 2000
TC 2700 MAIL ROOM

Certificate of Mailing Under 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

Date: April 26, 2000

By: David E. Huang
(Typed or printed name of person mailing
Document, whose signature appears below)

Signature: 

Customer Correction Branch
Application Processing Division
Assistant Commissioner for Patents
Washington, D.C. 20231

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

The Filing Receipt received in connection with the above-identified patent application misspells the name of one of the inventors. In particular, the Filing Receipt misspells "Qingming Ma" which is spelled correctly in the declaration submitted at the time of filing the above-identified application. A copy of the declaration is enclosed.

U.S. Application No.: 09/479,511



Group Art Unit: 2739

- 2 -

Applicants have enclosed a copy of the Filing Receipt with changes indicated in red ink to correct this error.

Please make the changes as noted and issue a Corrected Filing Receipt showing that the changes have been made.

Since the error was made by the U.S. Patent and Trademark Office and not by the Applicants, there should be no fee for the requested Corrected Filing Receipt.

Respectfully submitted,

David E. Huang, Esq.
Attorney for Applicants
Registration No.: 39,229
CHAPIN & HUANG, L.L.C.
Westborough Office Park
1700 West Park Drive
Westborough, Massachusetts 01581
Telephone: (508) 366-9600
Facsimile: (508) 616-9805

RECEIVED
MAY 30 2000
TC 2700 MAIL ROOM

Attorney's Docket No.: CIS99-1268
Dated: April 26, 2000

RequestCorrectedFilingReceipt.doc

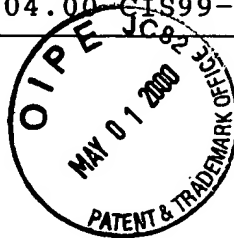
FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE
Pat nt and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/479,511	01/07/00	2739	\$1,104.00	GIS99-1268	12	30	6

DAVID E. HUANG
CHAPIN & HUANG L L C
1700 WEST PARK DRIVE
WESTBOROUGH OFFICE PARK
WESTBOROUGH MA 01581



RECEIVED
MAY 30 2000
TC 2700 MA 01581

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts of Application" ("Missing Parts Notice") in this application, please submit any corrections to this Filing Receipt with your reply to the "Missing Parts Notice." When the PTO processes the reply to the "Missing Parts Notice," the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) ^Q QINGMING MA, SANTA CLARA, CA; SARAVANAN AGASAVEERAN, SUNNYVALE, CA; SATISH GANNU, BANGALORE, INDIA.

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 02/17/00
TITLE
METHODS AND APPARATUS FOR MOVING DATA ELEMENTS WITHIN A DATA COMMUNICATIONS DEVICE

PRELIMINARY CLASS: 370

DATA ENTRY BY: WILLIAMS, EVERETT, TEAM: 01 DATE: 02/17/00

|||||

(See reverse for new important information)

DOCKET NO. CIS99-1268

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS AND APPARATUS FOR MOVING DATA ELEMENTS WITHIN A
DATA COMMUNICATIONS DEVICE

the specification of which (check one)

☒ [X] is attached hereto.☐ [] was filed on _____ as United States Application

Number or PCT International Application No. _____

and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number) _____ (Filing Date) _____

(Application Number) _____ (Filing Date) _____

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

Barry W. Chapin, Esq. Reg. No. 39,934
David E. Huang, Esq. Reg. No. 39,229

all of Chapin & Huang, L.L.C., Westborough Office Park, 1700 West Park Drive, Westborough, MA 01581

and _____

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to: David E. Huang, Esq.

Chapin & Huang, L.L.C. Westborough Office Park, 1700 West Park Drive, Westborough, MA 01581

Direct telephone calls to: David E. Huang, Esq. Telephone No.: 508-366-9600

Direct facsimiles to: David E. Huang, Esq. Facsimile No.: 508-616-9805

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole inventor or

first joint inventor Qingming Ma

Inventor's Signature _____ Date _____

Residence 1700 Civic Center Drive, Apt. 204

Santa Clara, California 95050 U.S.A.

Citizenship People's Republic of China

Post Office Address Same as Above

inventor, if any Saravanan Agasaveeran

Date _____

Sunnyvale, California 94087 U.S.A.

India

Same as above

inventor, if any Satish Gannu

Date 5th Jan 2000

Bangalore - 560008 India

India

Same as above

FILE COPY

Bib Data Sheet

**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SERIAL NUMBER 09/479,511	FILING DATE 01/07/2000 RULE -	CLASS 370	GROUP ART UNIT 2739	ATTORNEY DOCKET NO. CIS99-1268	
APPLICANTS QINGMING MA, SANTA CLARA, CA ; SARAVANAN AGASAVEERAN, SUNNYVALE, CA ; SATISH GANNU, BANGALORE, INDIA;					
** CONTINUING DATA *****					
** FOREIGN APPLICATIONS *****					
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 02/17/2000 -					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged <u>Examiner's Signature</u> <u>Initials</u>		STATE OR COUNTRY CA	SHEETS DRAWING 12	TOTAL CLAIMS 30	INDEPENDENT CLAIMS 6
ADDRESS DAVID E. HUANG CHAPIN & HUANG L L C 1700 WEST PARK DRIVE WESTBOROUGH OFFICE PARK WESTBOROUGH ,MA 01581					
TITLE METHODS AND APPARATUS FOR MOVING DATA ELEMENTS WITHIN A DATA COMMUNICATIONS DEVICE					
FILING FEE RECEIVED 1104	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		